Contents

Abellanas, L., Alonso, L. M.: On the Gel'fand-Kirillov Conjecture 69

Alonso, L. M., s. Abellanas, L. 69

Baumann, K.: On Local Field Products in Special Wightman Theories 73

Baumann, K.: When is a Field Theory a Generalized Free Field? 221

Borchers, H. J., Yngvason, J.: Integral Representations for Schwinger Functionals and the Moment Problem over Nuclear Spaces 255

Bros, J., Lassalle, M.: Analyticity Properties and Many-Particle Structure in General Quantum Field Theory. II. One-Particle Irreducible n-Point Functions 279

Challifour, J. L., Slinker, S. P.: Euclidean Field Theory. I. The Moment Problem 41

Combe, Ph., Mourre, E., Richard, J.-L.: Photoionisation of Atoms and Möller Operators 161

Dubois-Violette, M.: A Generalization of the Classical Moment Problem on *-Algebras with Applications to Relativistic Quantum Theory. I. 225

Frederiksen, J. S.: Sommerfeld-Watson Representation for Double-Spectral Functions. II. Crossing Symmetric Pion-Pion Scattering Amplitude without Regge Poles. . . 1

Gal-Ezer, E., Reeh, H.: Charges as Integrals over Densities: An Alternative Formulation of Coleman's Theorem 137

Garbaczewski, P.: Representations of the CAR Generated by Representations of the CCR. Fock Case 131

Gheorghe, A., Mihul, El.: On the Geometry of Lorentz Orbit Spaces 89

Haag, R., Kadison, R. V., Kastler, D.: Corrigendum 198

Hawking, S. W.: Particle Creation by Black Holes 199

Hejtmanek, J.: Scattering Theory of the Linear Boltzmannoperator 109

Hugenholtz, N. M., Kadison, R. V.: Automorphisms and Quasi-Free States of the CAR Algebra 181

Israel, R. B.: Existence of Phase Transitions for Long-Range Interactions 59

Kadison, R. V., s. Hugenholtz, N. M. 181

Kadison, R. V., s. Haag, R., *et al.* 198

Kastler, D., s. Haag, R., *et al.* 198

Klein, A., Landau, L. J.: The $:\phi^3:$ Field in the $P(\phi)_2$ Model 143

Kunofsky, J.: Holomorphic Versions of the Fabrey-Glimm Representations of the Canonical Commutation Relations 32

Landau, L. J., s. Klein, A. 143

Lassalle, M., s. Bros, J. 279

Mihul, El., s. Gheorghe, A. 89

Monroy, G., Russo, L.: A Family of Codes between Some Markov and Bernoulli Schemes 155

Mourre, E., s. Combe, Ph., *et al.* 161

Reeh, H., s. Gal-Ezer, E. 137

Richard, J.-L., s. Combe, Ph., *et al.* 161

Russo, L., s. Monroy, G. 155

Sakai, S.: On Commutative Normal $*$-Derivations 39

Schneider, W. R.: Resolvents, Semigroups and Gibbs States for Infinite Coupling Constant 121

Slinker, S. P., s. Challifour, J. L. 41

Stormark, O.: A Local Edge of the Wedge Theorem 33

Tvorogov, S. D., s. Vainshtein, V. D. 273

Vainshtein, V. D., Tvorogov, S. D.: Some Problems on the Measurement of Quantum Observables and Determination of Joint Entropy in Quantum Statistics. 273

Velo, G.: An Existence Theorem for a Massive Vector Meson in an External Electromagnetic Field 171

Yngvason, J., s. Borchers, H. J. 255

Indexed in Current Contents

161
137
161
155
39
121
41
33
273
273
171
255